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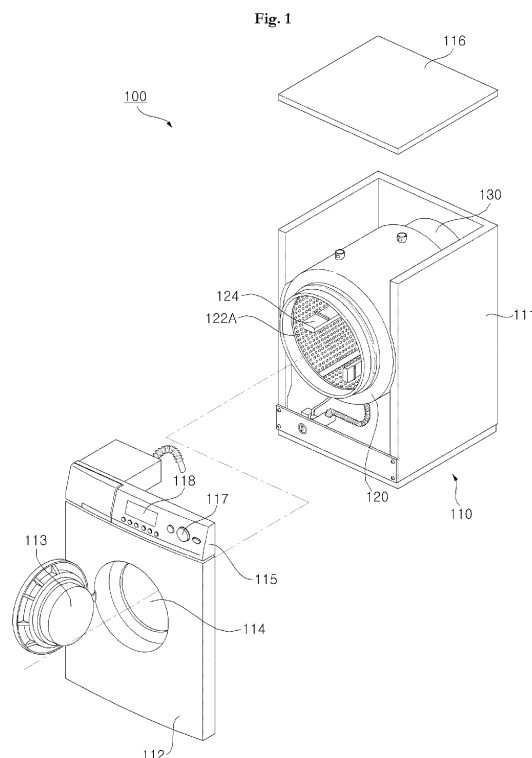
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(54) **Textile treatment**

(57) A washing machine and a method of controlling a washing machine are provided. A drum may be rotated from a stopped state to a specific angle less than 180 degrees. While the drum is rotated, a laundry amount may be sensed based on a current value of a motor that rotates the drum. The laundry amount may be sensed simply and accurately.



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 198 32 292 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 20 January 2000 (2000-01-20) * column 2, line 29 - column 4, line 7 * * figures 1-3 *	1-3, 5-11, 13-15	INV. D06F39/00 D06F33/02
X	EP 0 649 930 A1 (BOSCH SIEMENS HAUSGERAETE [DE]) 26 April 1995 (1995-04-26) * column 2, lines 20-35 * * column 4, line 2 - column 7, line 23 * * figures 1-5 *	1,3-9, 11-15	
A	US 2004/103485 A1 (DO GI HYEONG [KR] ET AL) 3 June 2004 (2004-06-03) * paragraphs [0021] - [0027] * * figures 1-3 *	1,4,6,8, 9,12,14, 15	
A	EP 0 997 569 A2 (AKO WERKE GMBH & CO [DE] DIEHL AKO STIFTUNG GMBH & CO [DE]) 3 May 2000 (2000-05-03) * paragraphs [0006] - [0022] *	1,9	
			TECHNICAL FIELDS SEARCHED (IPC)
			D06F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 July 2015	Examiner Weidner, Maximilian
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19832292 A1	20-01-2000	AT 255185 T	15-12-2003
		DE 19832292 A1	20-01-2000
		EP 1108083 A1	20-06-2001
		ES 2212596 T3	16-07-2004
		TR 200003809 T2	23-07-2001
		US 2001011395 A1	09-08-2001
		WO 0004220 A1	27-01-2000

EP 0649930 A1	26-04-1995	CN 1107915 A	06-09-1995
		DE 4336350 A1	27-04-1995
		EP 0649930 A1	26-04-1995
		ES 2131614 T3	01-08-1999
		GR 3030363 T3	30-09-1999
		PL 305540 A1	02-05-1995
		RU 2145370 C1	10-02-2000
		TR 28714 A	27-01-1997
		US 5507055 A	16-04-1996

US 2004103485 A1	03-06-2004	KR 20040046077 A	05-06-2004
		US 2004103485 A1	03-06-2004
		US 2008222819 A1	18-09-2008

EP 0997569 A2	03-05-2000	AT 257871 T	15-01-2004
		DE 19849403 A1	04-05-2000
		EP 0997569 A2	03-05-2000
		ES 2214787 T3	16-09-2004

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82